

3 **ABSTRACT OF THE DISCLOSURE**  
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5 A submersible ice fishing troller system for efficiently trolling a fishing lure or  
6 bait beneath an ice surface. The submersible ice fishing troller system includes a  
7 submersible unit in communication with a control unit, sonar for bottom and fish  
8 detection, a downrigger clip attached to the submersible unit, and a line release  
9 attached to the submersible unit. An actuator unit mechanically connected to the line  
10 release allows for selective release of the fishing line from the line release after a fish  
11 has bitten. The submersible unit automatically travels to the bottom of the ice after the  
12 line release has been opened.

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